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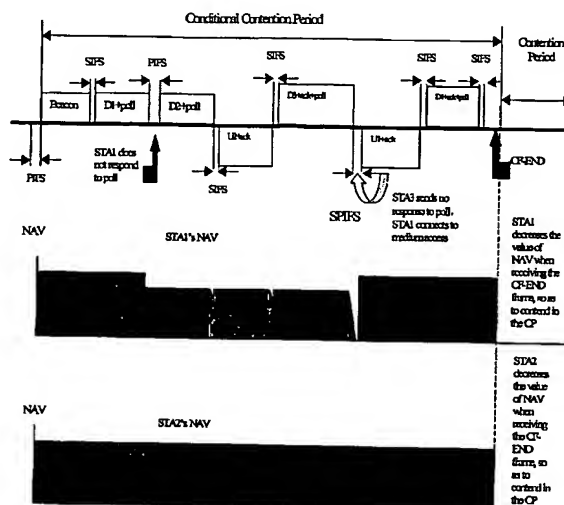
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- Declaration under Rule 4.17:**
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- (54) Title:** EFFECTIVE POINT COORDINATION FUNCTION IN WIRELESS LAN



**(57) Abstract:** This invention provides a system and method for enhancing point coordination function in wireless LANs. A contention procedure is introduced into PCF in this invention. When the point coordinator (PC) polls the mobile terminal who has no frame to send, the terminal does not respond to the CF-Poll from PC, and will adjust its NAV and set it to a special value that is defined as SPIFS. When data is ready on this mobile terminal, the terminal can contend for accessing the medium. If it detects the medium to be idle for SPIFS period during the CFP, then the mobile terminal gains the control of medium and starts to send the ready data. So this mobile terminal can have another opportunity to gain the control of medium during this CFP instead of next CFP, and this can decrease the transmission delay.

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